

SN 09/973,170

Docket No. S-97,774

In Response to Office Action dated September 9, 2003

AMENDMENTS TO THE SPECIFICATION:

Please replace page 12, second paragraph, with the following amended paragraph:

The foregoing description of the invention has been presented for purposes of illustration and description and is not intended to be exhaustive or to limit the invention to the precise form disclosed, and obviously many modifications and variations are possible in light of the above teaching. For example, the analysis set forth hereinabove demonstrates that the use of nondegenerate four-wave mixing allows holography with enhanced diffraction efficiency, and with control of effective time constant, by a choice of appropriate charge-transfer materials. Clearly, other donor-acceptor systems may be employed for nondegenerate four-wave mixing. See, e.g., Janssen et al., *supra* "Photoinduced Electron Transfer Reactions in Mixed Films of p-Conjugated Polymers and a Homologous Series of Tetracyano-p-quinodimethane Derivatives," by Rene A. J. Janssen et al., *J. Chem. Phys.* vol. 103, pp. 8840-8845 (1995). Moreover, other probe wavelengths may be employed to maximize diffraction efficiency.

Attachment: "Photoinduced Electron Transfer Reactions in Mixed Films of p-Conjugated Polymers and a Homologous Series of Tetracyano-p-quinodimethane Derivatives," by Rene A. J. Janssen et al., *J. Chem. Phys.* vol. 103, pp. 8840-8845 (1995).

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